

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031068.D
 Acq On : 11 Apr 2019 15:05
 Operator : JC/SP
 Sample : VU0411WBL03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK56

Quant Time: Apr 12 04:48:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:43:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	467662	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	458202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	199783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	213164	51.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.12%
7) Chloroethane-d5	1.68	69	160715	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.44%
11) 1,1-Dichloroethene-d2	2.27	63	285698	37.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.68%
21) 2-Butanone-d5	4.17	46	308834	93.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.34%
24) Chloroform-d	4.64	84	316395	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
26) 1,2-Dichloroethane-d4	5.31	65	223490	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
32) Benzene-d6	5.34	84	659150	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
36) 1,2-Dichloropropane-d6	6.32	67	221566	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.56	98	578248	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%
43) trans-1,3-Dichloropropene-	7.85	79	100859	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.50%
47) 2-Hexanone-d5	8.31	63	189941	90.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300736	48.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	206831	52.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.28%

Target Compounds

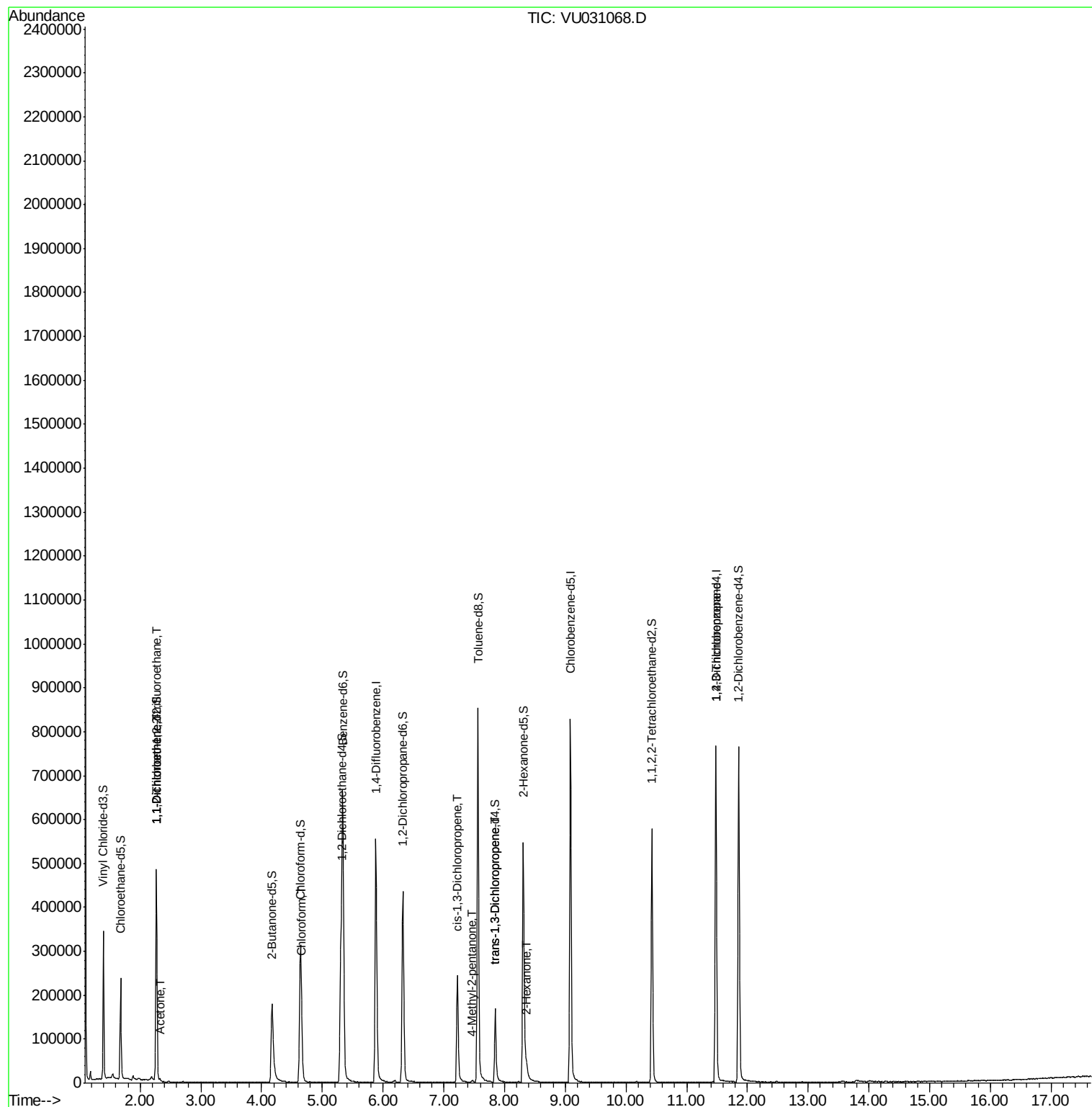
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2511	0.750	ug/L #	24
12) 1,1-Dichloroethene	2.27	96	2417	0.748	ug/L #	1
13) Acetone	2.32	43	1880	0.555	ug/L	95
25) Chloroform	4.67	83	16361	2.298	ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	5706	0.944	ug/L	88
40) 4-Methyl-2-pentanone	7.48	43	3415	0.500	ug/L #	96
44) trans-1,3-Dichloropropene	7.85	75	4034	0.757	ug/L #	75
48) 2-Hexanone	8.37	43	14590	2.739	ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	25571	5.029	ug/L	92

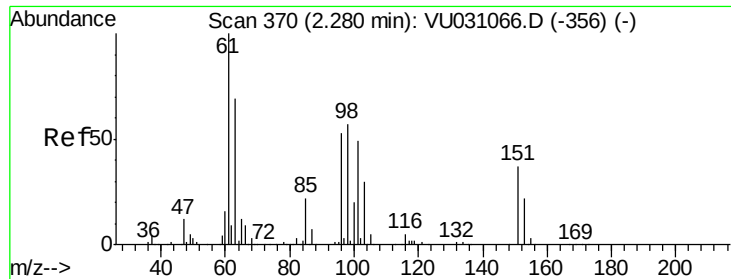
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041119\
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Misc : 5.0mL/MSVOA U/WATER
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Instrument :
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VBLK56

Quant Time: Apr 12 04:48:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:43:47 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.750 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031068.D

Acq: 11 Apr 2019 15:05

Instrument :

MSVOA_U

ClientSampleId :

VBLK56

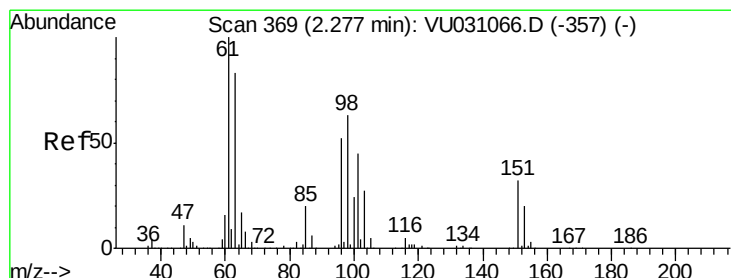
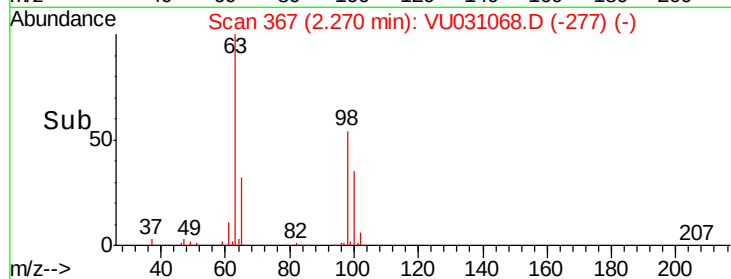
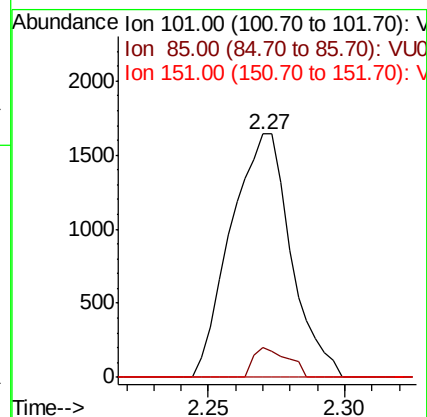
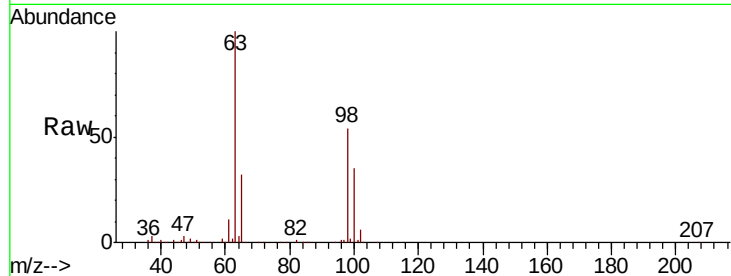
Tot Ion:101 Resp: 2511

Ion Ratio Lower Upper

101 100

85 6.8 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.748 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031068.D

Acq: 11 Apr 2019 15:05

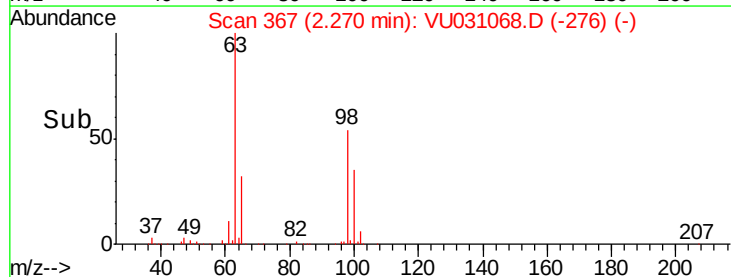
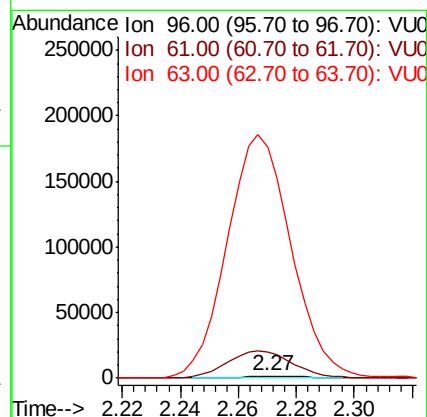
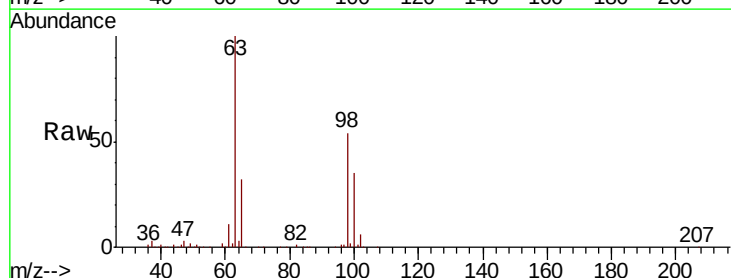
Tgt Ion: 96 Resp: 2417

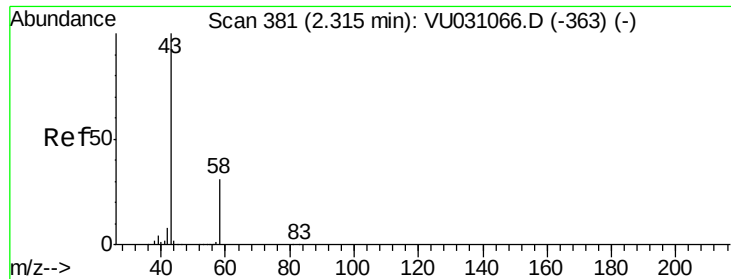
Ion Ratio Lower Upper

96 100

61 1196.6 132.0 245.2#

63 10563.1 90.9 168.9#





#13

Acetone

Concen: 0.555 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU031068.D

Acq: 11 Apr 2019 15:05

Instrument :

MSVOA_U

ClientSampleId :

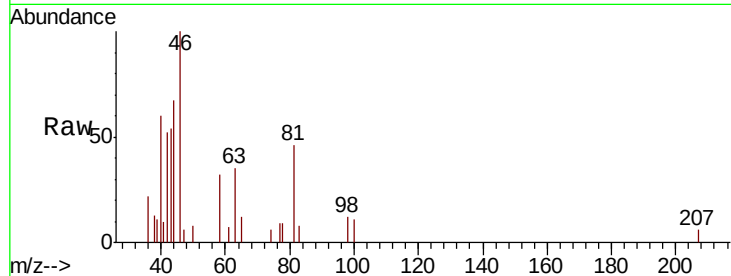
VBLK56

Tot Ion: 43 Resp: 1880

Ion Ratio Lower Upper

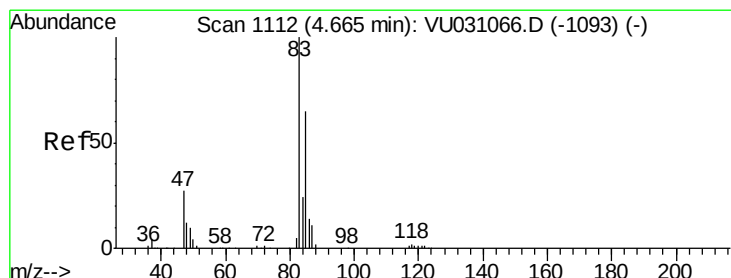
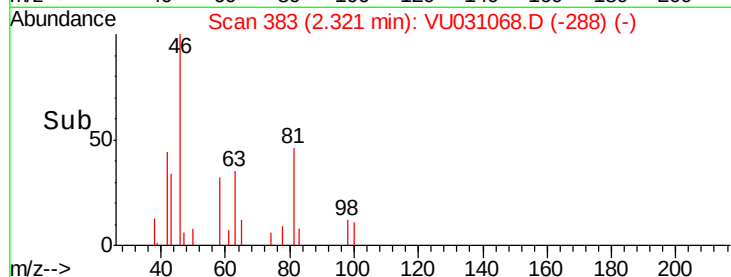
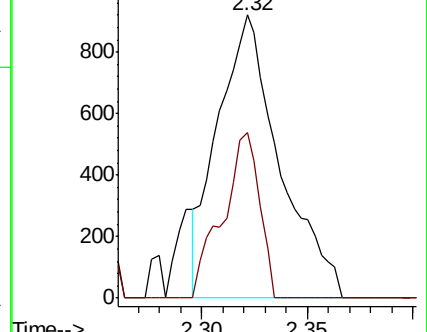
43 100

58 34.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031066.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU031066.D (-363) (-)



#25

Chloroform

Concen: 2.298 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU031068.D

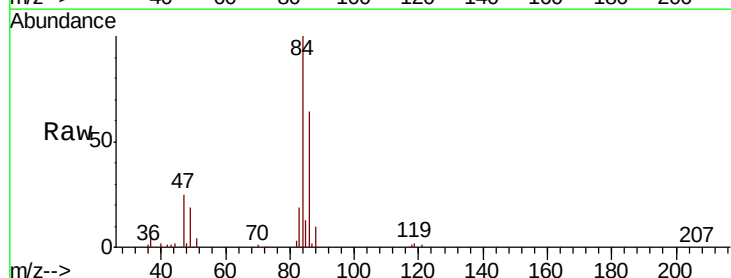
Acq: 11 Apr 2019 15:05

Tgt Ion: 83 Resp: 16361

Ion Ratio Lower Upper

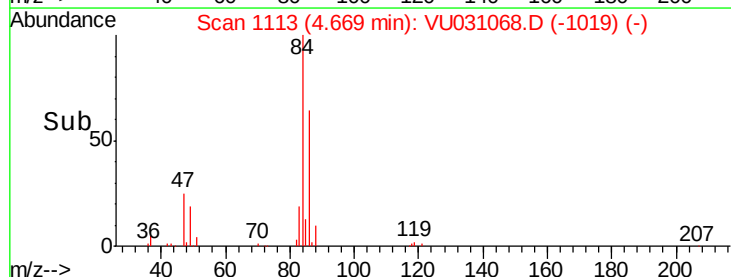
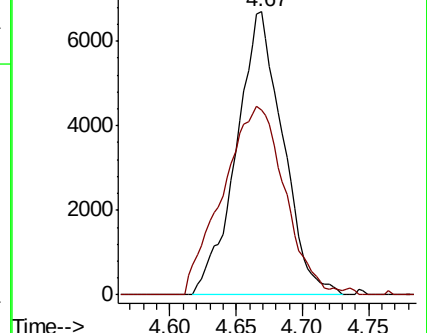
83 100

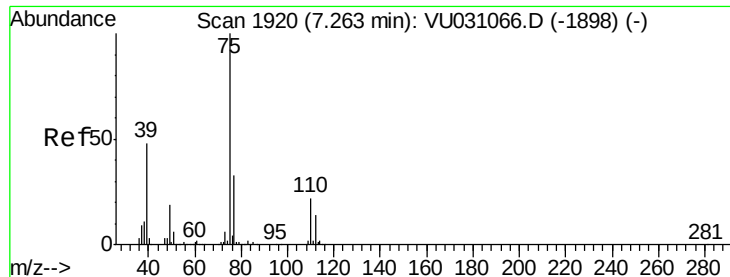
85 65.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031066.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU031066.D (-1093) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.944 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031068.D

Acq: 11 Apr 2019 15:05

Instrument :

MSVOA_U

ClientSampleId :

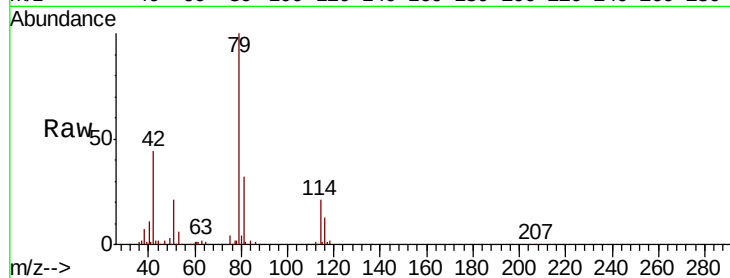
VBLK56

Tot Ion: 75 Resp: 5706

Ion Ratio Lower Upper

75 100

77 39.9 23.1 42.9



Abundance Ion 75.00 (74.70 to 75.70): VU031066.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU031066.D (-1898) (-)

7.22

3000

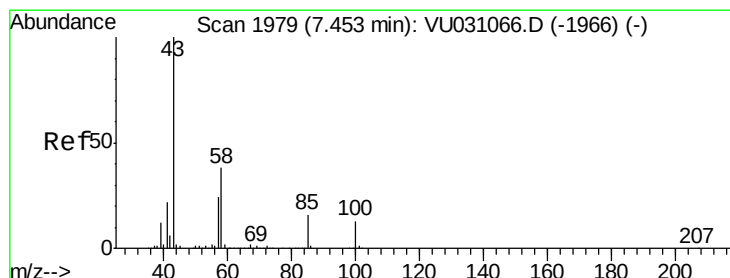
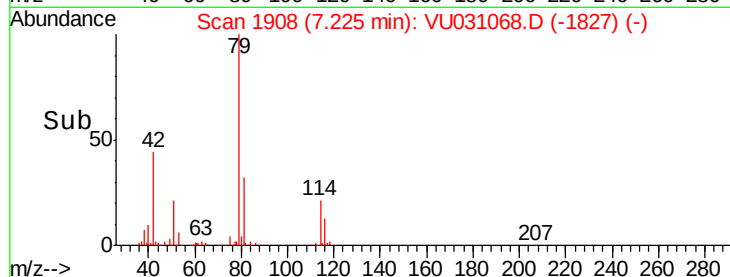
2000

1000

0

7.20 7.25

Time-->



#40

4-Methyl-2-pentanone

Concen: 0.500 ug/L

RT: 7.48 min Scan# 1986

Delta R.T. 0.02 min

Lab File: VU031068.D

Acq: 11 Apr 2019 15:05

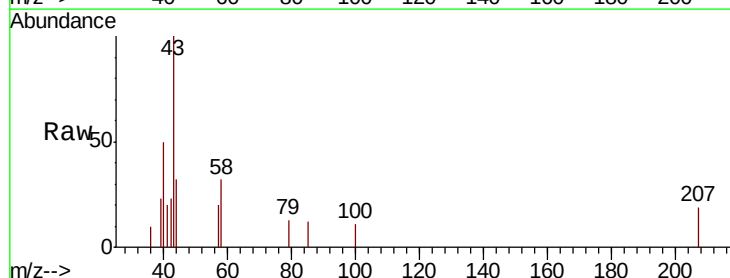
Tgt Ion: 43 Resp: 3415

Ion Ratio Lower Upper

43 100

58 37.4 29.7 44.5

100 6.4 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VU031066.D (-1966) (-)

Ion 58.00 (57.70 to 58.70): VU031066.D (-1966) (-)

Ion 100.00 (99.70 to 100.70): VU031066.D (-1966) (-)

3000

2500

2000

1500

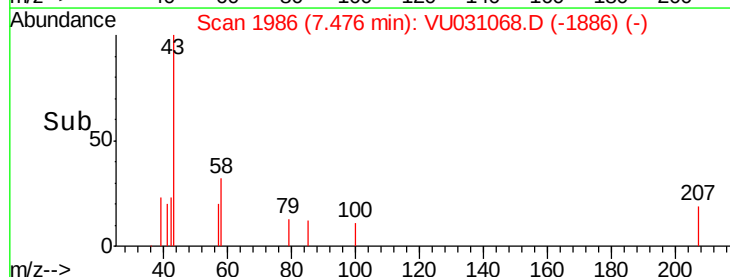
1000

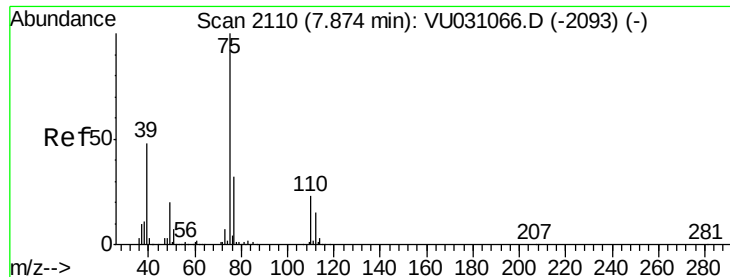
500

0

7.45 7.50

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.757 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031068.D

Acq: 11 Apr 2019 15:05

Instrument :

MSVOA_U

ClientSampleId :

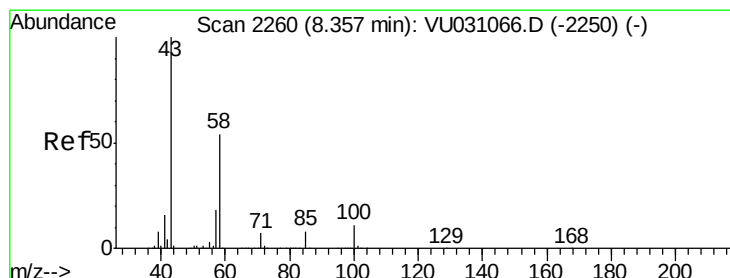
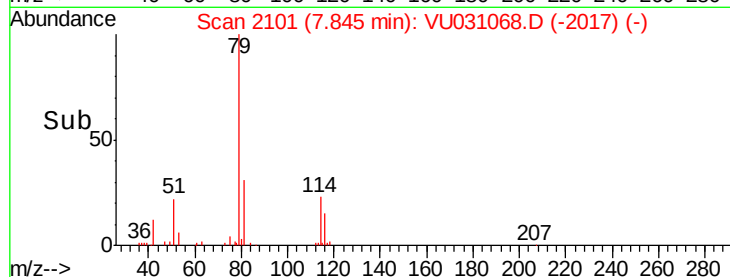
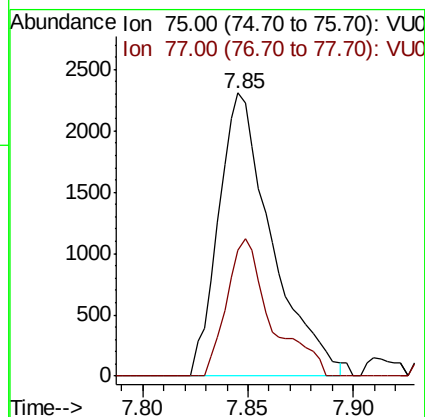
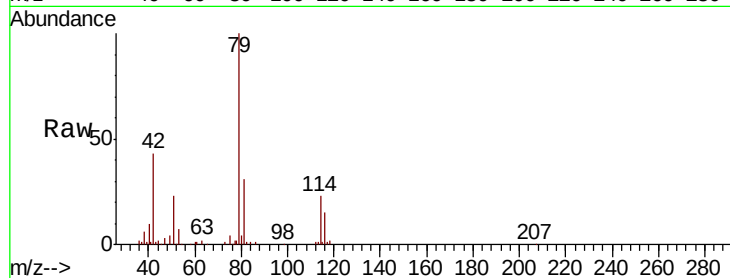
VBLK56

Tot Ion: 75 Resp: 4034

Ion Ratio Lower Upper

75 100

77 44.7 21.6 40.0#



#48

2-Hexanone

Concen: 2.739 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031068.D

Acq: 11 Apr 2019 15:05

Tgt Ion: 43 Resp: 14590

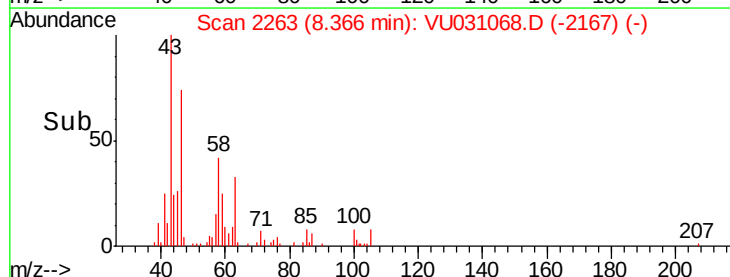
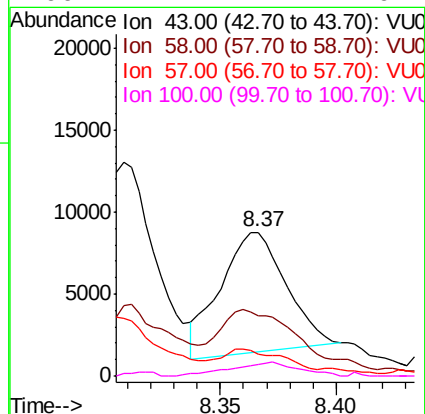
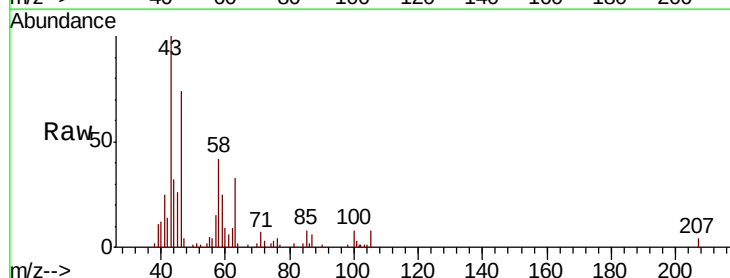
Ion Ratio Lower Upper

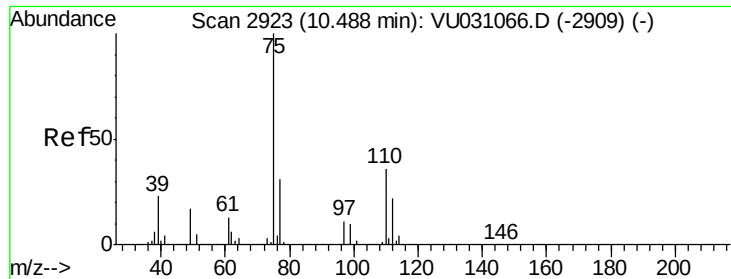
43 100

58 47.2 41.9 62.9

57 4.0 14.3 21.5#

100 11.4 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 5.029 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031068.D

Acq: 11 Apr 2019 15:05

Instrument :

MSVOA_U

ClientSampleId :

VBLK56

Tot Ion: 75 Resp: 25571

Ion Ratio Lower Upper

75 100

77 37.0 26.1 39.1

